1	1.	A method of producing an electromechanical device, comprising
2		poling an electroactive ceramic;
3		laser machining the electroactive ceramic to form a desired shape; and
4		incorporating the electroactive ceramic into an electromechanical sensor
5		or actuator.
6		
7	2.	The method of claim 1, wherein laser machining includes machining grooves into
8		a surface of the electroactive ceramic.
9		
10	3.	The method of claim 2, further comprising depositing an electrode material into
11		the grooves in the surface of the electroactive ceramic.
12		
13	4.	The method of claim 1, further comprising depositing an electrode material onto a
14		surface of the electroactive ceramic produced by laser machining.
15		
16	5.	The method of claim 1, wherein the produced sensor or actuator is a strain-
17		relieved, planar transducer.
18		
19	6.	The method of claim 1, wherein the electroactive ceramic is selected from the
20		group consisting of piezoelectric ceramics and electrostrictive ceramics.
21		
22	7.	The method of claim 1, wherein poling the electroactive ceramic precedes laser
23		machining.
24		
25	8.	The method of claim 1, wherein poling the electroactive ceramic follows laser
26		machining.
27		
28	9.	The method of claim 1, wherein the electroactive ceramic comprises grooves
29		which render its electromechanical properties anisotropic.
30		

1	10.	The method of claim 1, wherein at least 1% of the electroactive ceramic is
2		removed during laser machining.
3		
4	11.	The method of claim 10, wherein at least 5% of the electroactive ceramic is
5		removed during laser machining.
6		
7	12.	The method of claim 10, wherein at least 20% of the electroactive ceramic is
8		removed during laser machining.
9		
10	13.	The method of claim 10, wherein at least 50% of the electroactive ceramic is
11		removed during laser machining.
12		
13	14.	The method of claim 10, wherein at least 75% of the electroactive ceramic is
14		removed during laser machining.
15		
16	15.	The method of claim 10, wherein at least 90% of the electroactive ceramic is
17		removed during laser machining.
18		
19	16.	The method of claim 1, wherein the electroactive ceramic possesses a surface area
20		at least 10% greater after machining than its surface area before machining.
21		
22	17.	An electromechanical device, comprising
23		a substantially planar electroactive ceramic member having grooves defined on a
24		planar surface of the member, whereby the grooves allow the member to
25		conform to a curved surface.
26		
27	18.	The electromechanical device of claim 17, wherein the device is an
28		electromechanical sensor or actuator.
29		